

Section I

Support

PROJECT MANAGERS

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SUMMARY

Mission Support, Project Baseline Summary (PBS) OT01, consists of four sub-projects:

- Planning and Integration [Work Breakdown]
- Structure (WBS 1.8.2.1)]
- Systems Engineering (WBS 1.8.2.2)
- Environmental Compliance (WBS 1.8.2.3)

The Environmental Compliance Program is composed of two elements. These two elements were stand-alone programs known as the Hanford Environmental Management Program (HEMP) and the Effluent and Environmental Monitoring Program (EEM) prior to FY99.

Although there is a single program, these elements retain their identity on the Integrated Priority List as two separate Units of Analysis.

- Public Safety and Resource Protection (WBS 1.8.2.4)

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of March 31, 2001. All other information is as of April 17, 2001 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that sixteen milestones (94 percent) were completed on or ahead of schedule and one milestone (6 percent) was completed late.

NOTABLE ACCOMPLISHMENTS

PLANNING & PERFORMANCE ANALYSIS (P&PA)

Integrated Priority List (IPL) - As a direct extension of IPL system upgrades completed by the P&PA group in late February (primarily consisting of improved sorting and reporting capabilities), a separate IPL for Safeguards and Security (SAS) was delivered on March 28, 2001. This deliverable, completely independent of Environmental Management work scope, was a function of the DOE-HQ mandated shift in strategy now making SAS activities throughout the DOE complex direct-funded.

A byproduct of reconfiguring the IPL database to produce the SAS stand-alone IPL is now having the ability to generate IPLs for other Site contractors. As such, FH has extended invitations to CH2M HILL Hanford Group (CHG) to host a demonstration of the system's expanded capabilities.

FY 2003 Integrated Planning, Accountability and Budgeting System (IPABS) Update - The kickoff for meeting the IPABS deliverable on April 16, 2001, was held on March 14, 2001. Participants were provided with an overview of IPABS, and changes and enhancements from last year were emphasized. To help ensure consistency among all of the Project Baseline Summaries (PBSs), specific boilerplate language describing the estimating methodology used was given to all participants for inclusion in their Cost Baseline narratives. Also presented were an overview of the IPL Module, and a review of the draft schedule of upcoming Unified Field Budget Request (a.k.a. UNICALL) deliverables.

Draft cost data was input into the IPABS Planning Module on March 23, 2001, in an effort to secure its prompt review by both RL and the Projects.

Multi-Year Work Plan (MYWP) Phase II- An Excel-based Configuration Control Log (CCL) was developed in March in anticipation that the cost exhibits contained in the Multi-Year Work Plan (MYWP) submitted in February will require configuration control. The February cost exhibits reflected the contract

cost profiles, but will require updating (via contract modification) to correspond to the soon-to-be-issued DOE-HQ-revised budget figures, as well as to other RL adjustments.

This system may prove useful as the model for future lifecycle baseline management. The prototype CCL was designed to complement the existing Baseline Change Request system, to capture changes to the cost exhibits, and generate a report showing totals with and without escalation. It was also designed to display efficiency targets.

Development of Master Logic Schedules – During March, P&PA scheduling staff continued to support the development of the Central Plateau Master Schedule and the individual Strategic Master Planning Logics. These schedules are currently in review by FH, RL, and stakeholder personnel to ensure consistency with the FH contract. Efforts were also initiated to develop an electronic presentation incorporating photographs and graphics of these schedules. Support was also provided in the development of guidance information for the Projects so that the baseline update effort due on June 30, 2001 will be successfully met.

Funds Management – P&PA continued to obtain FYSF and Estimate at Completion (EAC) data from the projects to analyze projected PHMC spending in comparison to available funds. Meetings were held with the major project areas to review forecasts and identify potential issues. Presentation formats for exhibiting funds management status have been initiated for the Resource Management Board in support of its decision-making efforts to maximize clean-up work while controlling spending within available funds.

Performance Management Meetings (PMMs) – Accommodation of the Waste Management Conference in Arizona the first week of the month (attended by many key RL and FH senior management) resulted in the PMMs that address “The River” and “The Central Plateau” each being held twice during March. They were held as scheduled on March 7 and 8, 2001, respectively (discussing January financial data), and then again on March 28 and 29, 2001, to address February financial data. The quarterly PMM addressing PHMC Services/ Support and the Comprehensive Performance Incentives was also held as planned on March 13, 2001. In addition, rescheduled from its original February 7 date, the quarterly PMM addressing “The Future” was held on March 20, 2001. Pre-meeting handout materials were prepared and distributed for all of the PMMs.

Business Management Oversight Process (BMOP) Status – In the draft report issued following its Multi-Discipline Business Management Review of FH in February, RL concluded that FH generally is meeting performance expectations, although some weaknesses were identified. There were two areas of concern identified that RL felt warrant the attention of FH management. In the Budgets area, funds control was noted to be of concern, and in the Diversity area, there was concern with female/minority representation within each designated/defined job category. FH was given the opportunity to comment on the final report issued on April 10, 2001. Subsequent to that distribution, RL plans to issue the FY 2001 BMOP criteria on April 23, 2001.

Environmental Management Performance Report (EMPR) - The monthly EMPR was delivered as scheduled on April 3, 2001. This report included February 2001 cost/schedule data.

Performance Execution and Reporting Module (PERM) Status - The Performance Execution Module (PEM) FY 2001 February Report was delivered on March 28, 2001 as scheduled through the electronic batch feed to the DOE-HQ IPABS-PEM. Performance data is collected monthly from all RL contractors and transmitted via PERM to DOE-HQ.

SYSTEMS ENGINEERING & INTEGRATION (SE&I)

SE&I supported the FH initiative (Requirements Initiatives Integration Team [RIIT]) in finding at least \$22M in efficiencies in the Indirect Funded activities to provide funding for critical work in FY 2001.

SE&I is working with Site Planning and Integration to develop FH guidance for the Projects to update Project baselines to reflect the new contract.

SE&I is providing support to the PFP Accelerated Closure Project.

ENVIRONMENTAL COMPLIANCE PROGRAM (ECP)

Compliance/Issue Resolution

The Quarterly Resource Conservation and Recovery Act of 1976 (RCRA) Permit Class 1 Modification package was submitted to the U.S. Department of Energy, Richland Operations Office (RL) on March 27, 2001, which completed Milestone ECP-01-304. The modifications were made to the List of Attachments, Part II, and Part III of the RCRA Permit, Dangerous Waste (DW) Portion. The Part III Class 1 modifications pertain to the 305-B Storage Facility, PUREX Storage Tunnels, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility, 242-A Evaporator, and the 325 Hazardous Waste Treatment Units.

Revision 7 of the Hanford Facility RCRA Permit was received from the Washington State Department of Ecology (Ecology) on February 28, 2001. A complete copy of the Permit, including all attachments, was assembled. A copy of this Permit will be placed in the Facility Operating Record and entered into the Record Management Information System (RMIS) through the Environmental Portal.

Support was provided to Fluor Hanford (FH) legal counsel and the RL Office of Chief Counsel in their preparation of the appeal for the Hanford Facility RCRA Permit, Revision 7. The portions of Revision 7 that were appealed on March 30, 2001, include, but are not limited to, the operating permit for the Central Waste Complex, Waste Receiving and Processing Facility.

The Underground Injection Control (UIC) Registration, *Registration of Hanford Site Class V Underground Injection Wells* (DOE/RL-88-11, Rev. 2) was submitted on March 26, 2001, for transmittal to Ecology on April 2, 2001. This document provides the current operational status of the UIC Class V wells in compliance with WAC 173-218.

Regulatory agency inspections and information requests were coordinated, as well as FH Projects review and assistance for responding to subsequent agency 'findings' at the following facilities:

- Ongoing collodion inspection at FH labs.
- Ecology low-level burial grounds inspection, waste drum verification at 222-S on March 21, 2001.
- Ecology multi-prime-contractor inactive miscellaneous underground storage tank inspection on March 21, 22, 27 and April 3-4, 2001.
- RL Chemical Management Assessment conducted weeks of March 26, 2001, and April 9, 2001.
- Ecology/U.S. Environmental Protection Agency (EPA) inspection at the Waste Sampling and Characterization Facility (WSCF) on April 4, 2001.
- Completed follow-up activities on the Level II inspection for the 340-NT-EX stack and Cold Storage Drying Facility.

The RCRA Permit required inspection of the 200W Area was planned and conducted.

The River Corridor facilities 90-day accumulation areas and satellite accumulation areas assessment was completed.

Several preparatory meetings were held for the ongoing RL Chemical Management Program (CMP) assessment. The field assessment work commenced on Monday, April 9, 2001, and will conclude on Friday, April 20, 2001. Five facilities are scheduled to be visited. These are PFP, Fast Flux Test Facility (FFTF), 222-S, T-Plant, and the Central Waste Complex. In addition, the assessment team is meeting with FH support personnel who represent the Emergency Planning and Community Right-to-Know Act (EPCRA), MSDS, and HAZCOMM compliance areas. The final assessment report will be published on or about May 15, 2001.

The CMP Central Review Team is reviewing all chemicals new to the Chemical Management System (CMS) database and will populate the database with information such as product ingredients, hazard ratings, and target organ information. Occupational Safety and Health personnel have established the criteria for the determination of hazard ratings and target organs, and qualified personnel on the CMP Central Review Team are making the determinations.

Monitoring and Reporting

The High-Efficiency Particulate Air Filtered Vacuum Radioactive Air Emission Units Notice of Construction Performance Assessment was submitted on March 23, 2001, which completed Milestone ECP-01-412, seven days ahead of schedule.

For the month of March FY 2001, regulatory reporting was coordinated for seven non-reportable releases of a hazardous substance and/or a petroleum product released to the environment. All of these releases were cleaned up and disposed of per state and federal requirements. There were no reportable events with a release to the environment. Eight reportable code non-compliance events were reported directly to the regulators by the FH Occurrence Notification Center.

Work to upgrade the Solid Waste Information and Tracking System (SWITS) database has been completed. This upgrade was fully implemented on April 2, 2001. Training classes on the upgraded SWITS are currently being conducted for all cognizant staff. The upgraded SWITS will allow for improved reporting and better quality documents such as the Annual Dangerous Waste Report and Annual Polychlorinated Biphenyl (PCB) Document Log.

A call was issued to Hanford Site contractors for information regarding toxic chemical use during calendar year (CY) 2000. The requested due date for this information is April 23, 2001. The purpose of this information is to determine the Hanford Site reporting obligations under Section 313 of the Emergency Planning and Community Right-To-Know Act. The Monitoring & Reporting group will compile the information and make the determination of whether reporting is required for CY 2000.

Continuous Improvement

The FH air team conducted a self-assessment on March 28, 2001, on the radiation air Notice of Construction (NOC) development/submittal/Washington State Department of Health (WDOH) review and approval process. In part, the team will look at problems that occurred during the Project W-460 and Shippingport fuel NOC efforts.

The Waste Designation, Waste Designation Qualification Exam, Environmental Regulations at Hanford, Container Waste Management, and Waste Management Awareness training lesson plans were reviewed and necessary revisions were identified.

Regulator and Stakeholder Cooperation

The presentation for the M-20 milestone review presentation package was updated and distributed to contractors for review/comment. The presentation will be made at the Interagency Management Integration Team (IAMIT) meeting scheduled for April 24, 2001.

A teleconference was held March 13, 2001, with EPA Region 10 for further discussion of the maximum exposed individual (MEI) dose modeling proposals: the use of Hanford Site-specific input parameters vs. EPA generic defaults. EPA has indicated their approval, and issued a formal written approval, dated March 22, 2001. WDOH will issue a similar letter.

A teleconference call was made to Ecology on April 9, 2001, to discuss space limitations in the electronic Dangerous Waste Report (DWR) format that prevent the complete listing of dangerous waste codes for some Hanford waste streams. Ecology proposed that a hard copy attachment be prepared that listed the waste streams and the additional dangerous waste codes not included in the DWR. This hard copy attachment could then be transmitted to Ecology with the disk containing the flat data files of the electronic DWR. The Ecology proposal is currently being considered for the existing Hanford reporting system data to develop a permanent remedy.

PUBLIC SAFETY & RESOURCE PROTECTION (PSRP)

The Cultural Resources Project participated in the U.S. Department of Energy Richland Operations Office (DOE-RL) mid-year review. Progress on key milestones, major project accomplishments, budget status, and project concerns were all discussed. Project priorities were addressed and possible concern resolutions were explored as well.

The report, *History of the Plutonium Production Facilities at the Hanford Site Historic District, 1943-1990* was provided to the Washington State Historic Preservation Officer during the annual Hanford Cultural Resources Program review.

The presentation, "The 24 Command (Hanford) Fire - Contaminant Monitoring - Challenges and Public Assurance Issues" was made at Washington State University - Tri Cities as part of the Environmental Science and Environmental Engineering seminar series.

Cultural Resource Project staff members gave two cultural resource management workshops for sixth through eighth grade girls as part of the "Expanding Your Horizons" workshop on March 24. "Expanding Your Horizons" is a series of workshops for young women to gain hands-on experience with unique science oriented jobs that are available to women.

ISMS STATUS

Nothing to report at this time.

CONDUCT OF OPERATIONS

Nothing to report at this time.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Nothing to report at this time.

Opportunities for Improvement

Nothing to report at this time.

UPCOMING ACTIVITIES

- The next Quarterly NESHAP Status Report to RL for EPA is due on April 23, 2001.
- The annual *Climatological Data Summary Report for CY 2000* is scheduled for completion and distribution by the end of May 2001.
- The *Hanford Cultural Resources Laboratory Procedures Manual* is scheduled for completion and distribution by the end of July 2001.
- The annual *CY 2000 Annual Environmental Report* is scheduled for completion and distribution in September 2001.

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	2	0	0	0	0	2	0	4
DOE-HQ	0	0	0	0	0	0	0	0
RL	11	3	1	0	0	21	0	36
Total Project	13	3	1	0	0	23	0	40

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY 2002 TPA/EA milestones.

FY 2001 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-01-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 20, 2000 – Completed three days early
ECP-01-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2001 – Completed on January 3, 2001, 26 days early
ECP-01-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 23, 2001 – On schedule
ECP-01-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2001 – On schedule
DNFSB Commitments		
	Nothing to report at this time.	

MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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Overdue – 0

Forecast Late – 0

FY 2002 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-02-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 19, 2001
ECP-02-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2002
ECP-02-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 19, 2002
ECP-02-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2002
DNFSB Commitments		
	Nothing to report at this time.	

FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES
CUMULATIVE TO DATE STATUS – (\$000)

By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC
PBS OT01	Mission									
WBS 1.8.2	Support Other MYPs	\$ 11,259	\$ 11,184	\$ 12,433	\$ (76)	-0.7%	\$ (1,249)	-11.17%	\$ 23,939	\$ 24,031
Total		\$ 11,259	\$ 11,184	\$ 12,433	\$ (76)	-0.7%	\$ (1,249)	-11.17%	\$ 23,939	\$ 24,031

Authorized baseline as per the Integrated Planning Accountability, and Budget System (IPABS) – Project Execution Module (PEM).

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$ 1.2 million (11 percent) unfavorable cost variance is described in the Cost Variance Analysis portion of this report.

The \$ 0.1 million (1 percent) unfavorable schedule variance is within established thresholds.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.1M)

Mission Support — 1.8.2/OT01

Description and Cause: The variance is within thresholds.

Impact: None.

Corrective Action: None.

Cost Variance Analysis: (-\$1.2M)

Mission Support — 1.8.2/OT01

Description and Cause: The 1.2 million (11 percent) unfavorable cost variance is due to several factors. P&PA has 11 percent cost variance due to having an under accrual of fee (110 K). The balance of that 11 percent is due to planned system changes that are awaiting final reorganization. SE&I has a 36 percent cost variance due to planned work that has been moved out in the fiscal year to accommodate resources used on unexpected work scope associated with the MYWP BUG II preparation. Finally, PS&RPP has a 13 percent cost variance attributed to analytical charges that have not reach the PNNL financial system, unplanned staff absences that occurred in the March, and project staff attempting to minimize expenditures in light of uncertainty in the final budget

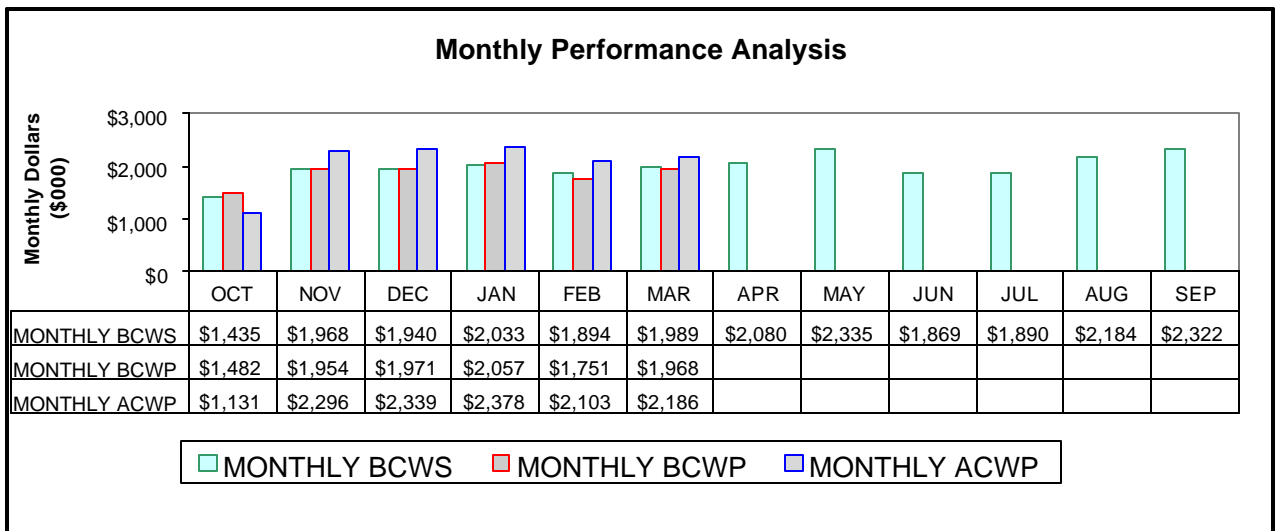
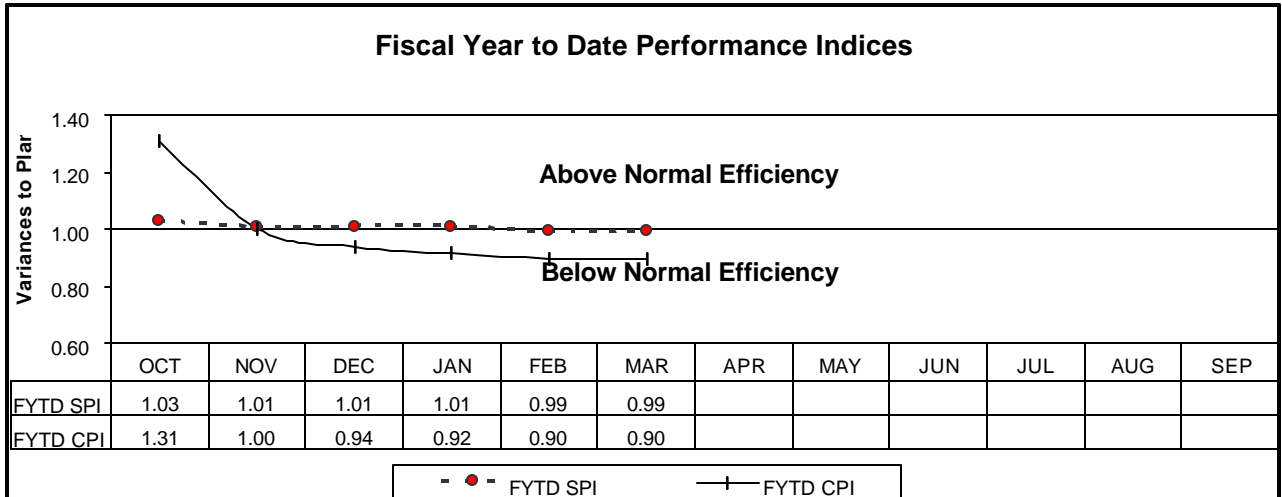
Impact: None.

Corrective Action: P&PA – Once the reorganization is final, the under run will be reduced.

SE&I – It is expected that the variance will continue decrease to less than 2% by the end of the fiscal year. As a result of this delay, the workforce planned to accomplish work (5 FTE's) will have to be increased (9 in March and April, 7 through September) to achieve the work needed and required within this fiscal year.

PS&RPP – Once the charges enter the financial system, the cost variance will decrease.

SCHEDULE /COST PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT FUNDS VS SPENDING FORECAST (\$000) FY 2001 TO DATE

	Project Completion *			Post 2006 *			Line Items *		
	Funds	FYSF	Variance	Funds	FYSF	Variance	Funds	FYSF	Variance
Multiple Outcomes									
1.8 Mission Support OT01, OT04				\$ 16,287	\$ 17,180	\$ (893)			
Inventory				\$ 7,267	\$ (172)	\$ 7,439			
Total Mission Support Operating				\$ 23,554	\$ 17,008	\$ 6,546			
Total Mission Support Line Item									

* Control Point

ISSUES

Technical Issues

Nothing to report at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY00 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
SPI-2001-001	12/12/00	Baseline Modifications to Support FY 2001 MYWP Update Phase II							Draft
SSE-2001-001	12/18/00	FY 2001 MYWP Phase II							Draft
PSR-2001-001	01/11/01	Holding							Draft
PSR-2001-002	01/11/01	Holding							Draft
PS-2001-003	01/02/01	Alignment of Budget/scope to Funding Allocation and Incorporation of FY 2000 Carryover.	198			01/10/01	01/10/01		In Progress
ADVANCE WORK AUTHORIZATIONS									
		Nothing to report.							

KEY INTEGRATION ACTIVITIES

The existing DOE Order 435.1 'Radioactive Waste Management' Implementation Plan (IP) was evaluated against the new FH contract. It was concluded that an update to the 435.1 IP is necessary, which should result in reduced implementation cost. The development of a facility Radioactive Waste Management Basis (RWMB) will consist of using the existing Authorization Agreements (AA) or Authorization Envelope (AE). The target completion date for the revised draft IP is April 30, 2001.

Specific components of the PS&RP Program are identified as a critical core project within the Groundwater/Vadose Integration Project. As such, key activities relevant to both programs were integrated into FY 2001 detailed work plans as appropriate.